



## Aerial Application Services for Mosquito Control

### Protecting Public Health Since 1992.

VDCI is the leading provider for aerial application mosquito control in the United States, with 150+ active government contracts nationwide. Due to the complicated nature of these applications, very few companies possess the experience and capability to handle aerial larval and adult mosquito control without subcontracting to another provider. Our expertise, technology, and reporting capabilities are an asset to any mosquito control program in need of aerial application services.

### Why Aerial Mosquito Control?

- Ability to reach areas that are otherwise very difficult or too large to treat.
- Can effectively complement your ground-based mosquito control operations.
- In many situations, aerial application can be more cost effective than ground-based application.
- Aerial applications may be the only way to break the mosquito breeding cycle in emergency situations or when mosquito populations are abnormally high.

### Aerial Adulticiding

Timing is essential. Aerial adulticiding can achieve control over a wide area in a single application, whether in an emergency or as a tool to complement your ground-based activities.

### Aerial Larviciding

Aerial larviciding services are capable of treating large areas more efficiently while helping reduce the overall environmental impact. Our team can target regions where standing water exists that may otherwise be difficult to reach, or completely inaccessible.



### Did You Know?

- Drones can be used to target more sensitive areas and are capable of applying up to 100 acres of product per session.
- VDCI's fleet of fixed-wing, twin engine aircraft are each capable of treating in excess of 50,000 acres per aircraft, per night.
- VDCI's ground and aerial teams are trained mosquito control experts, meaning our applications are more effective than an agricultural applicator.
- A specific droplet spectrum must be achieved for the product to impact mosquitoes.
- Weather conditions affect the movement of a spray and are monitored throughout the entirety of a mission.



# Industry-Leading Aerial Services

VDCI owns and operates the largest fleet of fixed-wing aircraft and drones that are dedicated to mosquito control. Because we don't have to rely on third-party subcontractors, you can rest assured that we will be there when you need us.

## Technology Capabilities

Our integrated spray system ensures that a precise droplet density is delivered to the target areas, thus producing the maximum level of mosquito control.

At the completion of each spray mission, data is downloaded from the aircraft and reports are generated providing our customers with a graphical depiction of the spray mission.

## Advanced Drone Technology for Larviciding

VDCI leverages drone technology for multi-faceted mosquito control projects that require a versatile approach.

- Drones facilitate faster, more efficient applications across previously inaccessible areas.
- Drone applications offer a cost-effective alternative for smaller acreage or when traditional aerial services are not applicable.
- Drone applications prevent disturbance of valued endangered species habitat or ecologically-sensitive areas.
- Highly-targeted applications prevent unintended product dispersion near drone operators and nearby homes or businesses.

## VDCI Aerial Advantage

- Maintaining and operating an in-house aerial program can present many challenges and is often not cost-effective.
- VDCI owns, maintains, and operates a fleet of aircraft and drones dedicated exclusively to mosquito control operations.
- Aircraft and drones meet or exceed all FAA regulations pertaining to low level pesticide application.

We're here for you when you need us, whether it's managing all aerial mosquito control or serving as your safeguard when your aircraft are down.



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